

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| L2 | 497 | (sunao near2 takatori).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 15:10 |
| L3 | 519 | (sunao near2 takatori).in. or (Hisanori near2 Kiyomatsu).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 15:11 |
| L4 | 497 | (sunao near2 takatori).in. or (Hisanori near2 Kiyomatsu).in. and (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 15:11 |
| L5 | 1 | ((sunao near2 takatori).in. or (Hisanori near2 Kiyomatsu).in.) and (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 15:11 |

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| L6 | 45 | ((sunao near2 takatori).in. or (Hisanori near2 Kiyomatsu).in.) and (authentication) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 15:11 |
| L9 | 10 | ((sunao near2 takatori).in. or (Hisanori near2 Kiyomatsu).in.) and (transaction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 15:14 |
| L10 | 4121 | (705/64,75,67,80).ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 15:15 |
| L12 | 146 | (705/64,75,67,80).ccls. and (authentication near2 level) (transaction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2011/09/28 15:16 |
| L13 | 79 | (705/64,75,67,80).ccls. and (authentication near2 level) SAME (transaction or price) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2011/09/28 15:37 |
| L14 | 0 | ("2011/0202465").URPN. | USPAT | ADJ | ON | 2011/09/28 15:39 |
| L15 | 11 | ("5465387" "5544322" "5721781" "5757916" "5996077" "6029124" "6431439").PN. OR ("6907408").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/09/28 15:39 |

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| L16 | 160 | (705/64,75,67,80).ccls. and (authentication near2 (level or layer)) AND (transaction or price) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2011/09/28 15:40 |
| L17 | 14 | L16 not L12 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2011/09/28 15:40 |
| L18 | 38 | (705/64,75,67,80).ccls. and (authentication near2 (level or layer)) (threshold) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2011/09/28 15:41 |
| L21 | 403 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH ((smart ADJ card)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) WITH authentication WITH mobile | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:07 |
| L22 | 38 | L21 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2011/09/28 16:07 |
| L23 | 0 | ("2011/0205061").URPN. | USPAT | ADJ | ON | 2011/09/28 16:08 |

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| L24 | 12582 | (713/155 OR 713/161 OR 713/168-170 OR 726/6 OR 726/17-21 OR 380/229 OR 380/232 OR 380/247).ccls. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:09 |
| L25 | 2677840 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH ((smart ADJ card OR "IC")OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:09 |
| L26 | 256886 | L25 AND (@py<= "2000" AND @py>= "1995") | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:09 |
| L27 | 215 | L26 AND L24 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:09 |
| L28 | 0 | L27 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2011/09/28 16:09 |
| L29 | 403 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH ((smart ADJ card)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless OR PDA)) WITH authentication WITH mobile | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:10 |

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| L31 | 38 | L29 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:10 |
| L32 | 1228 | (query collation comparison) near2 information with (service provider) with user | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:11 |
| L33 | 92 | L32 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:11 |
| L34 | 15 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authenticat\$4 OR verify\$4 OR compar\$4) WITH ((smart ADJ card)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) WITH authentication WITH mobile and @rlad <= "20000628" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:11 |
| L35 | 2 | L34 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:11 |

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| L36 | 515 | ((intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authenticat\$4 OR verify\$4 OR compar\$4 OR query OR collation) WITH ((smart ADJ card)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) WITH authentication and @rlad <= "20000628" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:12 |
| L37 | 24 | L36 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:12 |
| L38 | 256 | ((intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authenticat\$4 OR verify\$4 OR compar\$4 OR query OR collation) WITH ((smart ADJ card)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) WITH authentication and @rlad <= "20000628" and online | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:13 |
| L39 | 15 | L38 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:13 |
| L40 | 207 | ((intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authenticat\$4 OR verify\$4 OR compar\$4) WITH (host server) WITH (mobile OR portable OR wireless)) and @rlad <= "20000628") and "713"/168.ccls. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:13 |

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| L41 | 5 | L40 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:13 |
| L42 | 3446 | (authentication) same (commodit\$3 service) and (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:14 |
| L43 | 210 | L42 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:14 |
| L44 | 41 | (authentication) same (commodit\$3 service) same (authentication near2 level) same provision | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:15 |
| L45 | 3 | L44 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:15 |
| L46 | 70 | (determin\$4 judg\$4) with (authentication near3 level) | DERWENT | OR | ON | 2011/09/28 16:15 |

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| L48 | 7 | L46 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:16 |
| L49 | 65 | plurality near3 (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:16 |
| L50 | 4 | L49 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:16 |
| L51 | 11 | ("20020114333" "20040066916" "20050273333" "5073941" "5517558" "5818908" "5907597" "6012027" "6145083" "6804647" "7552467").PN. OR ("8014496"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/09/28 16:17 |
| L52 | 65 | (plurality near3 (authentication near2 level)) same (\$5authentication) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:17 |
| L53 | 4 | L52 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:17 |

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| L54 | 18 | (plurality near3 (authentication near3 level)) same (\$5authentication) and (commodit\$3 or purchase) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:17 |
| L55 | 1 | L54 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:17 |
| L56 | 68 | (@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4) with (data or information or configuration) with (memory near card) OR MC or (IC near card)) with (WEP or wireless or "802."\$3 or WLAN) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:18 |
| L57 | 1 | L56 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:18 |
| L58 | 12166 | (713/155 OR 713/161 OR 713/168-170 OR 726/6 OR 726/17-21 OR 380/229 OR 380/232).ccls. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:18 |
| L59 | 49 | (@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4) with (data or information or configuration) with ((memory near card) OR MC or (IC near card)) or device or flash) with (WEP or wireless or "802."\$3 or WLAN) with (validat\$4 or verif\$8) and L58 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:18 |

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| L60 | 1 | L59 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:18 |
| L61 | 66 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4) with (data or information or configuration) with (WEP or wireless or "802."\$3 or WLAN) with (validat\$4 or verif\$8)) same (allow\$4 authenticat\$\$ authoriz\$6) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:18 |
| L62 | 1 | L61 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:18 |
| L63 | 47 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4) with (data or information or configuration)) with (allow\$4 authenticat\$\$ authoriz\$6 or prohibit\$4 permit\$4) with(WEP or wireless or "802."\$3 or WLAN) with (validat\$4 or verif\$8) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:40 |
| L64 | 1 | L63 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:40 |
| L65 | 48 | ((@ad<="20031226") AND (("802."\$4 or wireless) with (security or authenticat\$4)) AND ((configur\$8 or set\$2 or setting) with (validat\$4 or verif\$8 or compatibl\$5 or suitabl\$4) same (fail\$4 or re\$2try \$4 or re\$2config\$4 or success\$6 or succeed\$4 or accept\$4 or permit\$4 or prohibit\$4 or allow\$4)) and (WEP SSID near key secure near ID) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:41 |

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| L66 | 0 | L65 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:41 |
| L67 | 220 | (authentication near2 level) SAME (price or cost or service or product) and (authentication near2 level).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:42 |
| L68 | 17 | L67 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:42 |
| L69 | 0 | ("2011/0202978").URPN. | USPAT | ADJ | ON | 2011/09/28 16:42 |
| L70 | 220 | (authentication near2 level) SAME (price or cost or service or product) and (authentication near2 level).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:43 |
| L71 | 17 | L70 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:43 |

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| L72 | 23 | (authentication near2 level) and (predetermined near2 price) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:43 |
| L73 | 3 | L72 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:43 |
| L74 | 17 | ("20010009005" "20020010636" "20020046160" "20020147674" "20030195837" "20040215550" "20040267818" "20050144098" "20050171859" "20050273417" "20060041500" "20060085318" "20060149656" "20060167784" "20070203820" "6141653" "7430523").PN. OR ("7962402"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/09/28 16:44 |
| L75 | 80 | (confirm with purchase) AND (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:44 |
| L76 | 8 | L75 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:44 |

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| L77 | 42 | (approv\$3 with authentication) with (low or high) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:45 |
| L78 | 1 | L77 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:45 |
| L79 | 58 | (approv\$3 with authentication) with (low or high or threshold) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:45 |
| L80 | 2 | L79 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:45 |
| L81 | 26 | (purchas\$4) with transaction with (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:46 |
| L82 | 1 | L81 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:46 |

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| L83 | 65 | 705/75.ccls. and (transaction or exceed\$4) and (shop\$5 near2 online) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 16:46 |
| L84 | 3 | L83 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:46 |
| L85 | 53 | transaction with (exceed\$4 near2 limit) same (authentication) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 16:47 |
| L86 | 2 | L85 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:47 |
| L87 | 116 | ("20010014158" "20010029496" "20010039535" "20010042051" "20010044787" "20010051902" "20010054003" "20020019811" "20020023059" "20020069174" "20020091646" "20020111919" "20020128977" "20020169720" "20020174062" "20020188574" "20020194138" "20030097451" "20030120615" "20030144952" "20030149781" "20030200184" "20030208684" "20030212642" "20040002903" "20040019563" "20040044627" "20040059688" "20040078328" "20040083184" "20040177047" "20040230536" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/09/28 16:47 |

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| | | "20040243520" "20050065855" "20050131826" "20050192896" "20050246278" "20060143119" "20060242058" "20080016003" "20080301056" "20100057619" "20100063895" "5163098" "5267315" "5420926" "5430827" "5442342" "5473689" "5485510" "5544322" "5590197" "5671279" "5684950" "5712913" "5778065" "5793028" "5815665" "5826241" "5826245" "5835896" "5845070" "5845265" "5883810" "5884272" "5903721" "5903878" "5903882" "5909492" "5930777" "5970475" "5991738" "5999596" "6016476" "6029141" "6047268" "6052675" "6070241" "6076078" "6078902" "6098053" "6122624" "6167378" "6202051" "6205437" "6236981" "6243691" "6247129" "6260024" "6270011" "6327578" "6327587" "6343284" "6381316" "6427132" "6466917" "6629081" "6675153" "6704714" "6735572" "6820202" "6839692" "6879965" "6889325" "6931382" "6938019" "6941282" "6941285" "7069249" "7177838").PN. OR ("7177849" "7249093" "7318048" "7343351" "7356502" "7370011"). PN. OR ("7991701").URPN. | | | | |
| L88 | 94 | (transaction with exceed near limit) and "705"/. clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 16:47 |
| L89 | 5 | L88 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:47 |

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| L90 | 64 | (price or threshold or pre\$1determin\$3) same (authentication near2 level) same (table or list) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:48 |
| L91 | 2 | L90 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:48 |
| L92 | 88 | (price or threshold or pre\$1determin\$3 or money or dollar) same (authentication near2 level) same (service or past or history) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:49 |
| L93 | 8 | L92 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:49 |
| L94 | 128 | (credit with fraud) same (threshold or price) and (authentication) and "705"/.clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 16:49 |
| L95 | 13 | L94 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:49 |

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| L96 | 13 | L94 AND (@pd >= "20110417") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:50 |
| L97 | 3 | (authenticat\$3 same transaction same confirmation same price).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:52 |
| L98 | 3 | (authenticat\$3 same transaction same confirmation same threshold).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:53 |
| L100 | 1 | (authenticat\$3 same transaction same user same confirmation same threshold).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/09/28 16:54 |
| L101 | 2 | (authenticat\$3 same transaction same first adj2 threshold same second adj threshold).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 16:57 |
| L103 | 4 | (mobile same second adj2 request same first adj2 request same confirmation).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 16:58 |

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| L104 | 0 | (mobile same host same second adj request same service adj2 device).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:00 |
| L105 | 25 | (user adj2 authentication same authentication adj information same confirmation).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:01 |
| L106 | 0 | (host same first adj2 request same second adj2 request same transaction same service adj2 device).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:03 |
| L107 | 0 | (host same first adj2 request same second adj2 request same transaction same service same mobile).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:03 |
| L108 | 0 | (host same first adj2 request same second adj2 request same transaction same service same communication adj2 device).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:03 |
| L109 | 9 | (authentication same host same second adj request).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:04 |

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| L111 | 0 | (second adj2 request same transaction same authentication adj2 level).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:05 |
| L112 | 12 | (second adj2 request same transaction same threshold).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:06 |
| L113 | 0 | (request same transaction same authentication adj2 level same threshold).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:07 |
| L114 | 0 | (request same after adj2 transaction same authentication adj2 level same threshold).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:07 |
| L115 | 0 | (request same after adj2 transaction same authentication adj2 level).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:07 |
| L116 | 0 | (request same before adj2 transaction same authentication adj2 level).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:07 |

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|------|----|--|---|-----|----|---------------------|
| L117 | 1 | (request same before adj2 transaction same threshold).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:08 |
| L118 | 23 | ("200201111908" "20020152177" "20030182228" "20040167815" "20060253321" "20070088610" "20080140568" "20080154719" "20090063261" "20100100426" "20100114774" "5326960" "6018718" "6205433" "6292786" "6687679" "6915271" "6938013" "7050983" "7213744" "7258268" "7568615" "7742942").PN. OR ("8019679"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/09/28 17:08 |
| L119 | 2 | (request same after adj2 transaction same threshold).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:08 |
| L124 | 7 | (request same transaction same first adj2 threshold SAME second adj2 threshold).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:10 |
| L125 | 0 | (request same transaction same first adj2 threshold SAME second adj2 threshold same authentication near2 level).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:10 |

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| L126 | 0 | (request same first adj2 threshold SAME second adj2 threshold same authentication near2 level).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:11 |
| L127 | 0 | (second adj2 request same first adj2 threshold SAME second adj2 threshold same authentication near2 level).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:11 |
| L128 | 2 | (first adj2 threshold SAME second adj2 threshold same authentication near2 level).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/09/28 17:11 |
| L129 | 26 | ("5390247" "5448729" "5606609" "5615268" "5659616" "5748738" "5872848" "6185683" "6263447" "6282658" "6321339" "6408336" "6655585" "6658393").PN. OR ("7086085").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/09/28 17:11 |
| S2 | 1 | "10/070221" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/26 16:27 |
| S3 | 2 | "20050221853" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 14:00 |

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|-----|------|--|--|----|----|---------------------|
| S9 | 1 | (10/070221) AND (person) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 09:00 |
| S10 | 830 | 713/155.ccls. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 09:35 |
| S11 | 62 | "5406619" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 09:16 |
| S12 | 2 | "5406619".pn. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 09:19 |
| S13 | 2 | "6338140".pn. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 09:35 |
| S14 | 5054 | (713/155 OR 713/161 OR 713/168-170 OR 726/6 OR 726/17-21 OR 380/229 OR 380/232).ccls. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:48 |
| S15 | 1947 | authentication NEAR level | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 13:50 |

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|-----|-----|---|--|----|----|---------------------|
| S16 | 250 | authentication NEAR level WITH service | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 13:34 |
| S17 | 18 | authentication NEAR level WITH service WITH (host or computer) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 13:42 |
| S18 | 2 | "9867".pn. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 13:42 |
| S19 | 2 | "4795890".pn. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 13:47 |
| S20 | 2 | "6615258".pn. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 13:48 |
| S21 | 0 | "6615258".pn. AND (authentication NEAR level WITH service) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 13:48 |
| S22 | 0 | "6615258".pn. AND (authentication NEAR level) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 13:49 |

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|-----|----|--|--|----|----|---------------------|
| S23 | 1 | "6615258".pn. AND (authentication) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 13:49 |
| S24 | 0 | "6615258".pn. AND (authentication NEAR3 level) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 13:49 |
| S25 | 1 | "6615258".pn. AND (authentication WITH level) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 13:49 |
| S26 | 75 | authentication NEAR level WITH result | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 13:50 |
| S27 | 8 | authentication NEAR level WITH result with service | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 13:50 |
| S28 | 0 | kiyomatsu-hisanori-\$in. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 14:01 |
| S29 | 33 | kiyomatsu-\$in. AND hisanori | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 14:03 |

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|-----|-----|---------------------------------|--|----|----|---------------------|
| S30 | 1 | 10/089122 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 14:05 |
| S31 | 1 | 10/168655 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 14:06 |
| S32 | 1 | 10/204335 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 14:06 |
| S33 | 0 | 11/696498 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 14:07 |
| S34 | 0 | takato-\$.in. AND sunao | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 14:07 |
| S35 | 152 | takatori-\$.in. AND sunao | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 14:07 |
| S36 | 0 | takatori-sunao-\$.in. AND sunao | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 14:07 |

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|-----|---------|---|--|----|----|---------------------|
| S37 | 0 | takatori-sunao-\$.in. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 14:08 |
| S38 | 152 | takatori-\$.in. AND sunao | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 14:08 |
| S39 | 1 | "10070221" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 14:59 |
| S40 | 1 | 10/070221 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 14:59 |
| S41 | 5304 | (713/155 OR 713/161 OR 713/168-170 OR 726/6 OR 726/17-21 OR 380/229 OR 380/232 OR 380/247).ccls. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:48 |
| S53 | 2196774 | (intermedia\$5 OR (third ADJ party) OR (trust\$4 NEAR3 (party OR parties OR entity OR entities)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH ((smart\$4 card OR IC) OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 17:55 |
| S54 | 2196774 | (intermedia\$5 OR (third ADJ party) OR (trust\$4 NEAR3 (party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH ((smart\$4 card OR IC) OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:06 |

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|-----|---------|--|--|----|----|---------------------|
| S55 | 2196774 | (intermedia\$5 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authenticat\$4 OR verify\$4 OR compar\$4) WITH ((smart\$4 card OR IC)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:06 |
| S56 | 2080603 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authenticat\$4 OR verify\$4 OR compar\$4) WITH ((smart\$4 card OR IC)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:08 |
| S57 | 2080603 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authenticat\$4 OR verify\$4 OR compar\$4) WITH ((smart ADJ card OR "IC")OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 13:38 |
| S58 | 0 | S57 and 713/155.ccls | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:10 |
| S59 | 1737 | S57 and (713/155 OR 713/168)".ccls" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:56 |
| S60 | 1879 | S57 and (713/155 OR 713/168 OR 380/247)".ccls" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:11 |
| S62 | 52 | S59 AND @py<="2000" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:56 |

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|-----|---------|--|--|----|----|---------------------|
| S63 | 640 | servic\$2 WITH communication WITH transaction WITH internet | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:24 |
| S64 | 2 | "6169890".pn. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:26 |
| S65 | 2 | "5668876".pn. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:39 |
| S66 | 2 | "5721781".pn. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:40 |
| S67 | 2 | "5974312".pn. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:40 |
| S69 | 2080603 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH ((smart ADJ card OR "IC")OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless))", clm." | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:50 |

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|-----|---------|--|--|----|----|---------------------|
| S70 | 298162 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH ((smart ADJ card OR "IC")OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)). clm. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:50 |
| S71 | 4 | receiv\$4 with authentication WITH (equipment NEAR service).clm. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:52 |
| S72 | 414 | transmit\$4 WITH authentication WITH mobile.clm. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:53 |
| S73 | 231 | receiv\$4 WITH information WITH authentication WITH mobile.clm. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:53 |
| S74 | 140 | S72 and S73 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:54 |
| S75 | 19 | S74 AND S41 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:54 |
| S76 | 1415370 | S57 AND @py<="2000" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:56 |

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|-----|---------|--|--|----|----|---------------------|
| S77 | 2080603 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH ((smart ADJ card)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:59 |
| S78 | 3305 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH ((smart ADJ card)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) WITH authentication | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 16:59 |
| S79 | 132 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH ((smart ADJ card)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) WITH authentication WITH mobile | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 17:09 |
| S80 | 1415370 | S57 AND @py<= "2000" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 17:11 |
| S81 | 1368291 | S57 AND @py<= "1999" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 17:10 |
| S82 | 417523 | S57 AND (@py<= "2000" AND @py>= "1990") | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 17:12 |

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|-----|---------|--|--|----|----|---------------------|
| S83 | 262220 | S57 AND (@py<= "2000" AND @py>= "1995") | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/27 17:12 |
| S84 | 214 | S83 AND S41 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 06:15 |
| S86 | 1579 | authentication SAME shop\$4 SAME authentication | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:01 |
| S87 | 2198408 | (intermedia\$5 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH ((smart\$4 card OR IC)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 06:16 |
| S88 | 621 | S86 AND S87 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 06:17 |
| S89 | 5067 | (713/155 OR 713/161 OR 713/168-170 OR 726/6 OR 726/17-21 OR 380/229 OR 380/232).ccls. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 06:17 |
| S90 | 50 | S88 AND S89 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 09:07 |

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|------|----|---|---|----|-----|---------------------|
| S91 | 83 | shunichi-\$.in. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 09:30 |
| S92 | 0 | shunichi-\$.in. AND watanabe | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 09:30 |
| S93 | 99 | shunichi-\$.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 12:35 |
| S98 | 2 | "7054835".pn. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 14:56 |
| S99 | 1 | 10/070,221 AND type | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 15:00 |
| S100 | 1 | 10/070,221 AND (authentication WITH type) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 17:30 |
| S105 | 2 | "6678516 ".pn. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 17:50 |

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|------|--------|--|--|----|----|---------------------|
| S106 | 451001 | (intermedia\$5 OR (third ADJ party) OR (trust\$4 NEAR3 (party OR parties OR entity OR entities)) WITH (authenticat\$4 OR verify\$4 OR compar\$4) WITH ((smart\$4 card OR IC) OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)).ab. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 18:00 |
| S107 | 199 | S106 and S89 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 17:57 |
| S108 | 30 | S107 AND @py<="2000" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 17:57 |
| S109 | 906819 | (intermedia\$5 OR (third ADJ party) OR (trust\$4 NEAR3 (party OR parties OR entity OR entities)) WITH (authenticat\$4 OR verify\$4 OR compar\$4) WITH ((smart\$4 card OR IC) OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)).detd. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 18:00 |
| S110 | 1688 | S109 and S89 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 18:00 |
| S111 | 205 | S110 AND @py<="2000" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 18:01 |

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|------|------|---|--|----|----|---------------------|
| S112 | 205 | S110 AND @py<="2000" AND @py>="1900" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 18:01 |
| S113 | 157 | S110 AND @py<="2000" AND @py>="1995" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2007/06/28 18:01 |
| S114 | 165 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH ((smart ADJ card)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) WITH authentication WITH mobile | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:18 |
| S115 | 165 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH ((smart ADJ card)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless OR PDA)) WITH authentication WITH mobile | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:03 |
| S116 | 6457 | (query collation comparison) with (service provider) with user | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:04 |
| S117 | 570 | (query collation comparison) near2 information with (service provider) with user | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:04 |

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| S118 | 78 | (query collation comparison) near2 information with (service provider) with user and @rlad <= "20000628" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:05 |
| S119 | 2 | (query collation comparison) near2 information with (service provider) with user same authentication and @rlad <= "20000628" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:10 |
| S120 | 1 | 10/070221 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:10 |
| S121 | 13 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH ((smart ADJ card)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) WITH authentication WITH mobile and @rlad <= "20000628" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:21 |
| S122 | 13 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4 OR query OR collation) WITH ((smart ADJ card)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) WITH authentication WITH mobile and @rlad <= "20000628" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:23 |
| S123 | 355 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4 OR query OR collation) WITH ((smart ADJ card)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) WITH authentication and @rlad <= "20000628" | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:27 |

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| S124 | 174 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4 OR query OR collation) WITH ((smart ADJ card)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) WITH authentication and @rlad <= "20000628" and online | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:26 |
| S127 | 0 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4 OR query OR collation) WITH ((smart ADJ card)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) WITH authentication and @rlad <= "20000628" same level | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:24 |
| S128 | 6035 | (713/155 OR 713/161 OR 713/168-170 OR 726/6 OR 726/17-21 OR 380/229 OR 380/232 OR 380/247).ccls. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:29 |
| S129 | 358 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4 OR query OR collation) WITH ((smart ADJ card)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) and @rlad <= "20000628" and S128 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:28 |
| S130 | 358 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4 OR query) WITH ((smart ADJ card)OR (electronic NEAR wallet) OR (credit ADJ card)) WITH (mobile OR portable OR wireless)) and @rlad <= "20000628" and S128 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:32 |

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| S131 | 358 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4 OR query) WITH (host PC server) WITH (mobile OR portable OR wireless)) and @rlad <= "20000628" and S128 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:32 |
| S132 | 358 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH (host server) WITH (mobile OR portable OR wireless)) and @rlad <= "20000628" and S128 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:33 |
| S133 | 1597 | (intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH (host server) WITH (mobile OR portable OR wireless)) and @rlad <= "20000628" and "713".clas. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:35 |
| S135 | 129 | ((intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH (host server) WITH (mobile OR portable OR wireless)) and @rlad <= "20000628") and "713"/168.ccls. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:35 |
| S136 | 129 | ((intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH (host server) WITH (mobile OR portable OR wireless)) and @rlad <= "20000628") and 713/168.ccls. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/01/26 21:35 |
| S137 | 4454 | (713/155,161,168-170).ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 09:00 |

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|------|-------|---|---|----|----|---------------------|
| S138 | 2018 | (726/6,17-21).ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 09:00 |
| S139 | 607 | (380/229,232,247).ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 09:01 |
| S140 | 0 | (authentication near2 lewvel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 09:02 |
| S141 | 3839 | (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 09:02 |
| S142 | 38178 | (authentication) same (commodit\$3 service) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 09:07 |
| S143 | 2028 | (authentication) same (commodit\$3 service) and (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 09:08 |

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| S144 | 832 | (authentication) same (commodit\$3 service) same (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 09:08 |
| S145 | 19 | (authentication) same (commodit\$3 service) same (authentication near2 level) same provision | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 09:08 |
| S146 | 13 | (setting same authentication near2 level) | DERWENT | OR | ON | 2008/07/13 09:20 |
| S147 | 0 | "(PCT/JP01/05597" | DERWENT | OR | ON | 2008/07/13 10:28 |
| S148 | 39 | (determin\$4 judg\$4) with (authentication near3 level) | DERWENT | OR | ON | 2008/07/13 10:55 |
| S149 | 0 | 10/070221 and (authentication near2 level) | DERWENT | OR | ON | 2008/07/13 10:58 |
| S150 | 1 | 10/070221 and (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 10:58 |
| S151 | 37 | plurality near3 (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 11:09 |
| S152 | 0 | ("2004/0039909").URPN. | USPAT | OR | ON | 2008/07/13 11:20 |

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|------|-----|--|---|----|----|---------------------|
| S153 | 1 | "6609198".pn. | USPAT | OR | ON | 2008/07/13 11:24 |
| S154 | 1 | "5724423".pn. | USPAT | OR | ON | 2008/07/13 11:27 |
| S155 | 0 | "20020150282" | USPAT | OR | ON | 2008/07/13 11:30 |
| S156 | 2 | "20020150282" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 11:30 |
| S157 | 2 | "20020133716" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 11:34 |
| S158 | 442 | ("20020133716" "20020150282" "20030004897" "5724423" "5815252" "5978591" "6213391" "6219439" "6286104" "6325285" "6353889" "6609198").PN" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 11:36 |
| S159 | 2 | S158 and (plurality near3 (authentication near2 level)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 11:36 |

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| S160 | 53 | S158 and ((authentication near2 level)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 11:37 |
| S161 | 3 | ("2002/0133716").URPN. | USPAT | OR | ON | 2008/07/13 11:40 |
| S162 | 174 | ("20010002485" "20010007133" "20010023440" "20010027439" "20010049770" "20020032684" "20020053023" "20020062435" "20020065701" "20020078307" "20020091836" "20020099822" "20020103819" "20020108003" "20020129024" "20020129135" "20020129177" "20020133516" "20020138543" "20020138572" "20020138577" "20020143865" "20020143943" "20020147746" "20020147801" "20020147813" "20020152244" "20020152254" "20020156879" "20020166049" "20020174238" "20020184444" "20030065921" "20030105654" "20030110376" "20030145074" "20040002903" "20040049675" "20040064356" "20040153509" "20060195575" "5077666" "5301320" "5455953" "5530861" "5581691" "5659616" "5678041" "5692125" "5708780" "5734837" "5745574" "5764890" "5796841" "5822454" "5831975" "5867665" "5867824" "5884284" "5901287" "5903882" "5907837" "5940834" "5944824" "5960422" "5961593" "5966702" "5987457" "5991768" "5991807" "5991810" "5999911" "6012098" "6041306" "6044462" "6061726" "6061740" "6073109" "6073242" "6098056" "6104705" "6105006" "6105063" "6105066" "6112181" "6131120" "6138104" "6141778" "6151531" "6154776" "6158010" "6173311" "6182142" "6195689" "6195696" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/13 11:41 |

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|------|--------|--|---|----|----|---------------------|
| | | "6208986" "6212558" "6216231" "6219667" "6223291" "6256739" "6263332" "6263363" "6266420" "6275916" "6292833" "6295061" "6304949" "6317783" "6330569" "6336124"). PN. OR ("6336214" "6338097" "6339826" "6347312" "6356996" "6366913" "6367013" "6389589" "6397232" "6408336" "6434531" "6438690" "6442567" "6457066" "6487600" "6493702" "6493731" "6507857" "6519571" "6519767" "6523027" "6539021" "6539379" "6542515" "6564370" "6571216" "6571279" "6574675" "6587856" "6591260" "6606644" "6609198" "6632251" "6643661" "6671695" "6675261" "6678733" "6728685" "6745327" "6748374" "6748569" "6751797" "6754702" "6775782" "6782379" "6785726" "6791949" "6816871" "6842863" "6851054" "6854016" "6859823" "6886170" "6901588" "6959415" "6968503" "6970862" "6986138" "7085834" "7107526" "7124354" "7213249" "7216163"). PN. OR ("7349912").URPN. | | | | |
| S163 | 4 | 09/368506 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/13 11:44 |
| S164 | 137428 | (plurality near3 (authentication near2 level)) or (\$5authentication) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 11:55 |
| S165 | 37 | (plurality near3 (authentication near2 level)) same (\$5authentication) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 11:55 |

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|------|-------|--|---|----|----|---------------------|
| S166 | 75104 | (plurality near3 (authentication near3 level)) same (\$5authentication) sane (commodit\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 12:51 |
| S167 | 0 | (plurality near3 (authentication near3 level)) same (\$5authentication) same (commodit\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 12:51 |
| S168 | 0 | (plurality near3 (authentication near3 level)) same (\$5authentication) same (commodit\$3 or purchase) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 12:52 |
| S169 | 7 | (plurality near3 (authentication near3 level)) same (\$5authentication) and (commodit\$3 or purchase) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 12:52 |
| S176 | 1 | "5724423".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/13 15:24 |
| S177 | 1556 | (authentication) same (commodit\$3 service) and S137 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 15:41 |

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| S178 | 89 | (\$5authentication near4 level) same (commodit\$3 service) and S137 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 15:42 |
| S179 | 42 | (\$5authentication near4 level) same (commodit\$3 service) and S138 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 15:49 |
| S180 | 9 | (\$5authentication near4 level) same (commodit\$3 service) and S139 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 15:51 |
| S181 | 5682 | (plurality near3 \$5authentication) or (\$5authentication near4 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 15:52 |
| S182 | 76 | (plurality near3 \$5authentication) or (\$5authentication near4 level) and 705/67.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/13 15:54 |
| S183 | 438 | (configur\$8 or setting) with ("802."\$2 or WLAN or wireless) with (validat\$4 or verif\$8) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 13:17 |

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| S184 | 86 | (configur\$8 or setting) with ("802."\$2 or WLAN or wireless) with (validat\$4 or verif\$8) same (determin\$5) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 13:17 |
| S185 | 57 | (configur\$8 or setting) with ("802."\$2 or WLAN or wireless) with (validat\$4 or verif\$8) same (permit\$4 or prohibit\$4 or allow\$4) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 13:23 |
| S186 | 733 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting) with ("802."\$4 or WLAN or wireless or device) with (validat\$4 or verif\$8) same (permit\$4 or prohibit\$4 or allow\$4)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 13:28 |
| S187 | 25 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting) with ("802."\$4 or WLAN or wireless or device) with (validat\$4 or verif\$8) same (permit\$4 or prohibit\$4 or allow\$4)) same (WEP or password or pwd) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 13:29 |
| S188 | 1868221 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting) with (memory near card) OR MC or (IC neard card)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 13:33 |
| S189 | 1868221 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4) with (data or information or configuration) with (memory near card) OR MC or (IC neard card)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 13:34 |
| S190 | 1868221 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4) with (data or information or configuration) with (memory near card) OR MC or (IC neard card)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 13:35 |

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|------|---------|--|--|----|----|---------------------|
| S191 | 1236101 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4) with (data or information or configuration) with (memory near card) OR MC or (IC near card))) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 13:35 |
| S192 | 1 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4) with (data or information or configuration) with (memory near card) OR MC or (IC near card)) with (WEP) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 13:35 |
| S193 | 1 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4) with (data or information or configuration) with (memory near card) OR MC or (IC near card)) same (WEP) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 13:36 |
| S194 | 59 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4) with (data or information or configuration) with (memory near card) OR MC or (IC near card)) with (WEP or wireless or "802."\$3 or WLAN) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 13:37 |
| S195 | 7551 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4) with (data or information or configuration) with ((memory near card) OR MC or (IC near card)) or device or flash) with (WEP or wireless or "802."\$3 or WLAN) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 13:40 |
| S196 | 1152 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4) with (data or information or configuration) with ((memory near card) OR MC or (IC near card)) or device or flash) with (WEP or wireless or "802."\$3 or WLAN) with (validat\$4 or verif\$8) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 13:41 |
| S197 | 6440 | (713/155 OR 713/161 OR 713/168-170 OR 726/6 OR 726/17-21 OR 380/229 OR 380/232).cls. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 13:42 |

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| S198 | 36 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4) with (data or information or configuration) with ((memory near card) OR MC or (IC near card)) or device or flash) with (WEP or wireless or "802."\$3 or WLAN) with (validat\$4 or verif\$8) and S197 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 13:42 |
| S199 | 1029 | 713/155.ccls. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 14:20 |
| S200 | 4 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4) with (data or information or configuration) with ((memory near card) OR MC or (IC near card)) or device or flash) with (WEP or wireless or "802."\$3 or WLAN) with (validat\$4 or verif\$8) and S199 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 14:20 |
| S201 | 201 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4) with (data or information or configuration) with (WEP or wireless or "802."\$3 or WLAN) with (validat\$4 or verif\$8)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 14:31 |
| S202 | 52 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4) with (data or information or configuration) with (WEP or wireless or "802."\$3 or WLAN) with (validat\$4 or verif\$8)) same (allow\$4 authenticat\$\$ authoriz\$6) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 14:32 |
| S203 | 1 | 11/017207 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 14:57 |

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| S204 | 424078 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4)with (data or information or configuration)) same (allow\$4 authenticat\$\$ authoriz\$6) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 15:31 |
| S205 | 293385 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4)with (data or information or configuration)) with (allow\$4 authenticat\$\$ authoriz\$6 or prohibit\$4 permit\$4) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 15:31 |
| S206 | 34 | ((@ad<="20031226") and ((configur\$8 or set\$2 or setting or writ\$4 or output\$4) with (data or information or configuration)) with (allow\$4 authenticat\$\$ authoriz\$6 or prohibit\$4 permit\$4) with(WEP or wireless or "802."\$3 or WLAN) with (validat\$4 or verif\$8) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 15:33 |
| S207 | 467 | ((@ad<="20031226") AND (("802."\$4 or wireless) with (security or authenticat\$4)) AND ((configur\$8 or set\$2 or setting) with (validat\$4 or verif\$8 or compatibl\$5 or suitabl\$4) same (fail\$4 or re\$2try \$4 or re\$2config\$4 or success\$6 or succeed\$4 or accept\$4 or permit\$4 or prohibit\$4 or allow\$4)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 15:37 |
| S208 | 38 | ((@ad<="20031226") AND (("802."\$4 or wireless) with (security or authenticat\$4)) AND ((configur\$8 or set\$2 or setting) with (validat\$4 or verif\$8 or compatibl\$5 or suitabl\$4) same (fail\$4 or re\$2try \$4 or re\$2config\$4 or success\$6 or succeed\$4 or accept\$4 or permit\$4 or prohibit\$4 or allow\$4)) and (WEP) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 15:37 |
| S209 | 2 | ((@ad<="20031226") AND (("802."\$4 or wireless) with (security or authenticat\$4)) AND ((configur\$8 or set\$2 or setting) with (validat\$4 or verif\$8 or compatibl\$5 or suitabl\$4) same (fail\$4 or re\$2try \$4 or re\$2config\$4 or success\$6 or succeed\$4 or accept\$4 or permit\$4 or prohibit\$4 or allow\$4)) same (IC or memory near card) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 15:41 |

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|------|---|--|--|----|----|---------------------|
| S210 | 1 | ((@ad<="20031226") AND ((set\$4 configur\$5) with (SSID WEP near key secure near ID) with (smart SIM IC) adj (card disk disc) with wire\$1less near (card adapter))) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 16:42 |
| S211 | 2 | ((@ad<="20031226") AND ((set\$2 or setting configur\$5) with (SSID WEP near key secure near ID) with (smart SIM IC) adj (card disk disc) and wire\$1less near (card adapter))) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 16:53 |
| S212 | 2 | ((@ad<="20031226") AND ((set\$4 configur\$5) with (SSID WEP near key secure near ID) with (smart SIM IC) near (card disk disc) and wire\$1less near (card adapter))) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 16:57 |
| S213 | 2 | ((@ad<="20031226") AND ((SSID WEP near key secure near ID) with (smart SIM IC) near (card disk disc) and wire\$1less near (card adapter))) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 17:00 |
| S214 | 2 | ((@ad<="20031226") AND ((SSID WEP near key secure near ID) with (smart SIM IC) with (card disk disc) and wire\$1less near (card adapter))) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 17:01 |
| S215 | 5 | ((@ad<="20031226") AND ((set\$4 configur\$5) with (SSID WEP near key secure near ID) with (smart SIM IC) adj (card disk disc) with wire\$1less)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 17:05 |
| S216 | 5 | ((@ad<="20031226") AND ((set\$4 configur\$5) with (SSID WEP near key secure near ID) with (smart SIM IC) adj (card disk disc) and wire\$1less)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 17:14 |

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|------|-----|---|--|----|----|---------------------|
| S217 | 5 | ((@ad<="20031226") AND ((set\$4 configur\$5) with (SSID WEP near key secure near ID) with (smart SIM IC) adj (card disk disc) same wire\$1less)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 17:16 |
| S218 | 38 | ((@ad<="20031226") AND (("802."\$4 or wireless) with (security or authenticat\$4)) AND ((configur\$8 or set\$2 or setting) with (validat\$4 or verif\$8 or compatibl\$5 or suitabl\$4) same (fail\$4 or re\$2try \$4 or re\$2config\$4 or success\$6 or succeed\$4 or accept\$4 or permit\$4 or prohibit\$4 or allow\$4)) and (WEP SSID near key secure near ID)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 17:19 |
| S219 | 240 | ((@ad<="20031226") AND (permit\$4 prohibit\$4) with (SIM memory adj card)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 18:52 |
| S220 | 1 | ((@ad<="20031226") AND ((set\$4 configur\$5) with (SSID WEP near key secure near ID) with (smart SIM IC) adj (card disk disc) same wire\$1less near (card adapter))) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 18:54 |
| S221 | 1 | ((@ad<="20031226") AND ((set\$4 configur\$5 permit\$4) with (SSID WEP near key secure near ID) with (smart SIM IC) adj (card disk disc) same wire\$1less near (card adapter))) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 18:55 |
| S222 | 1 | ((@ad<="20031226") AND ((set\$4 configur\$5 permit\$4 permission) with (SSID WEP near key secure near ID) with (smart SIM IC) adj (card disk disc) same wire\$1less near (card adapter))) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 18:55 |

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|------|----------|--|--|----|----|---------------------|
| S223 | 1 | ((@ad<="20031226") AND ((set\$4 configur\$5 permit\$4 permission authoriz\$4) with (SSID WEP near key secure near ID) with (smart SIM IC) adj (card disk disc) same wire\$1less near (card adapter))) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 18:55 |
| S224 | 14 | ((@ad<="20031226") AND ((set\$4 configur\$5 permit\$4 permission authoriz\$4) with (setting information SSID WEP near key secure near ID) with (smart SIM IC) adj (card disk disc) same wire \$1less near (card adapter))) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 18:56 |
| S225 | 2605 | ((@ad<="20031226") AND ((set\$4 configur\$5 permit\$4 permission authoriz\$4) with (setting information SSID WEP near key secure near ID) with (smart SIM IC) adj (card disk disc)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 18:59 |
| S226 | 157 | ((@ad<="20031226") AND ((set\$4 configur\$5 permit\$4 permission authoriz\$4) with (setting information SSID WEP near key secure near ID) with (smart SIM IC) adj (card disk disc)same wire \$1less) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 19:00 |
| S227 | 61 | (WEP same key same match\$4) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 20:02 |
| S228 | 18328096 | ((@ad<="20031226") ans (WEP same key same match\$4) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 20:02 |
| S229 | 15 | ((@ad<="20031226") and (WEP same key same match\$4) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2008/07/14 20:02 |

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|------|-----|--|---|----|----|---------------------|
| S231 | 1 | 10/070221 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/01 17:17 |
| S232 | 2 | (US-20030105960-A1).did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/01 17:18 |
| S233 | 65 | (WEP same key same match\$4) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2009/01/01 17:26 |
| S234 | 15 | (@ad<="20031226") AND ((set\$4 configur\$5 permit\$4 permission authoriz\$4) with (setting information SSID WEP near key secure near ID) with (smart SIM IC) adj (card disk disc) same wire \$1less near (card adapter)) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2009/01/01 17:39 |
| S235 | 158 | (@ad<="20031226") AND (authentication near2 level with transaction) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2009/01/01 17:48 |
| S236 | 11 | (@ad<="20031226") AND (authentication near2 level with transaction) and 713/168.ccls. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2009/01/01 17:50 |

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|------|-------|---|---|----|----|---------------------|
| S237 | 0 | ((@ad<="20000628") AND (authentication near2 level with transaction) and 713/168.ccls. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2009/01/01 17:50 |
| S238 | 28 | ((@ad<="20000628") AND (authentication near2 level with transaction) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2009/01/01 17:50 |
| S239 | 152 | ((intermedia\$2 OR (third ADJ party) OR (trust\$4 NEAR(party OR entity)) WITH (authentica\$4 OR verify\$4 OR compar\$4) WITH (host server) WITH (mobile OR portable OR wireless)) and @rlad <="20000628") and "713"/168.ccls. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2009/01/01 17:54 |
| S240 | 1 | 10/070221 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/22 09:55 |
| S241 | 2 | (US-20030105960-A1).did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/22 10:10 |
| S242 | 13524 | (713/155,161,168-170).ccls. or (726/6,17-21).ccls. or (380/229,232,247).ccls. or (705/24,39,44,75).ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/22 10:20 |

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|------|-----|--|---|----|----|---------------------|
| S243 | 464 | (@ad<="20000628") AND (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/22 10:22 |
| S244 | 42 | (@ad<="20000628") AND (authentication near2 level) SAME (transaction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/22 10:22 |
| S245 | 16 | (@ad<="20000628") AND (authentication near2 level) AND (proper near2 authentication) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/22 10:26 |
| S246 | 0 | (@ad<="20000628") AND (multiple near3 authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/22 10:39 |
| S247 | 9 | (@ad<="20000628") AND (multiple near3 authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/22 10:41 |
| S248 | 4 | (@ad<="20000628") AND (multiple near3 authentication near2 level) and transaction | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/22 10:42 |

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|------|-----|--|---|----|----|---------------------|
| S249 | 205 | (@ad<="20000628") AND (authentication near2 level) and transaction | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/22 11:28 |
| S250 | 78 | (@ad<="20000628") AND (authentication near2 level) and transaction and ((first near3 authentication) or (second near3 authentication)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/22 11:28 |
| S251 | 2 | "20010001877" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/22 16:56 |
| S252 | 4 | (@ad<="20000628") AND (multiple near3 authentication near2 level) and transaction | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/06 14:39 |
| S253 | 205 | (@ad<="20000628") AND (authentication near2 level) and transaction | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/06 14:40 |
| S254 | 28 | (@ad<="20000628") AND (different with authentication near2 level) and transaction | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/06 14:44 |

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|------|-----|---|---|----|----|---------------------|
| S255 | 3 | ("2001/0001877").URPN. | USPAT | OR | ON | 2009/07/06 14:47 |
| S256 | 3 | ("2001/0001877").URPN. | USPAT | OR | ON | 2009/07/06 14:47 |
| S257 | 3 | ("2001/0001877").URPN. | USPAT | OR | ON | 2009/07/06 14:47 |
| S258 | 3 | ("2001/0001877").URPN. | USPAT | OR | ON | 2009/07/06 14:47 |
| S259 | 105 | ("4661658" "5214702" "5235165" "5311594" "5327497" "5420926" "5436972" "5442342" "5533123" "5577120" "5638446" "5655077" "5659616" "5668876" "5677955" "5684950" "5684951" "5689638" "5706427" "5712914" "5748738" "5771291" "5818936" "5841970" "5845070" "5850442" "5864665" "5872917" "5875296" "5893098" "5978918" "5987134" "5987232" "6006333" "6026491").PN. OR ("6263447").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/06 14:52 |
| S260 | 60 | (@ad<="20000628") AND (user with authentication near2 level) and transaction | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/06 14:56 |
| S261 | 1 | (10/070221) and (third near authentication) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/08 06:55 |

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|------|----|---|---|----|----|---------------------|
| S262 | 1 | (10/070221) and (authentication with customer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/08 06:57 |
| S263 | 0 | (10/070221) and (predetermined near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/08 07:40 |
| S264 | 2 | (@ad< "20000628") AND (uncondition\$2 with authentication) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/08 09:43 |
| S265 | 78 | (@ad< "20000628") AND (uncondition\$2 with (authentication or verif\$4 or validat\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/08 09:45 |
| S266 | 78 | (@ad< "20000628") AND (uncondition\$2 with (authentication or verif\$4 or validat\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/08 09:45 |
| S267 | 41 | (@ad< "20000628") AND (uncondition\$2 with (authentication or verif\$4 or validat\$4) same (transaction information price service product)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/08 09:49 |

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|------|------|---|---|----|----|---------------------|
| S269 | 1024 | ((@ad< "20000628") AND ((authentication or verif \$4 or validat\$4) same (transaction information price service product) SAME (threshold)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/08 09:59 |
| S270 | 69 | ((@ad< "20000628") AND ((authentication or verif \$4 or validat\$4) same (transaction information price service product) SAME (threshold)) AND ("705".clas.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/08 10:00 |
| S271 | 70 | ("4661658" "5214702" "5235165" "5311594" "5327497" "5420926" "5436972" "5442342" "5533123" "5577120" "5638446" "5655077" "5659616" "5668876" "5677955" "5684950" "5684951" "5689638" "5706427" "5712914" "5748738" "5771291" "5818936" "5841970" "5845070" "5850442" "5864665" "5872917" "5875296" "5893098" "5978918" "5987134" "5987232" "6006333" "6026491").PN. OR ("6282658").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/08 10:19 |
| S272 | 1 | 10/070221 and (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 11:35 |
| S273 | 14 | (authentication near2 level) with price | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 11:36 |

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|------|------|--|---|----|----|---------------------|
| S274 | 1 | (authentication near2 level) with expense | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 11:53 |
| S275 | 94 | (authentication near2 level) with cost | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 11:53 |
| S276 | 94 | (authentication near2 level) with cost and (multiple near3 authentication adh level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 14:07 |
| S277 | 0 | (authentication near2 level) with cost and (multiple near3 authentication adj level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 14:07 |
| S278 | 1569 | (authentication near2 level) SAME (price or cost or service or product) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 14:29 |
| S279 | 192 | (authentication near2 level) SAME (price or cost or service or product) and (authentication near2 level).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 14:30 |

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|------|-----|--|---|-----|----|---------------------|
| S280 | 0 | (authentication near2 level) SAME (price or cost or service or product) and (authentication near2 level).ab. and (@ad < "2000628") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 14:30 |
| S281 | 192 | (authentication near2 level) SAME (price or cost or service or product) and (authentication near2 level).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 14:30 |
| S282 | 3 | ("2003/0018918").URPN. | USPAT | ADJ | ON | 2010/10/18 14:35 |
| S283 | 0 | 10/070221 and (first near authentication near level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/18 14:51 |
| S284 | 0 | 10/070221 and (first near3 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/18 14:52 |
| S285 | 0 | 10/070221 and (threshold near2 amount) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/18 14:52 |

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|------|-----|---|---|-----|----|---------------------|
| S286 | 1 | 10/070221 and (price) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/18 14:53 |
| S287 | 2 | "7162649".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/18 19:22 |
| S288 | 63 | (@ad<="20000628") AND (user with authentication near2 level) and transaction | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 19:31 |
| S289 | 366 | (authentication near2 level) SAME (price or cost or service or product) and (threshold) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 19:32 |
| S290 | 0 | (authentication near2 level) SAME (price or cost or service or product) and (threshold) and ("713". clas) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 19:33 |
| S291 | 0 | (authentication near2 level) SAME (price or cost or service or product) and (threshold) and ("380". clas) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 19:33 |

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|------|------|--|---|----|----|---------------------|
| S292 | 0 | (authentication near2 level) SAME (price or cost or service or product) and (threshold) and ("726"/. clas) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 19:33 |
| S294 | 17 | (authentication near2 level) SAME (price or cost or service or product) SAME (threshold) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 19:33 |
| S296 | 9 | (authentication near2 level) and (threshold near2 price) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 19:42 |
| S297 | 2182 | (authentication near2 level) and (threshold or price) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 19:43 |
| S299 | 19 | (authentication near2 level) and (predetermined near2 price) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 19:43 |
| S300 | 8 | (authentication near2 level) SAME (predetermined near2 price) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/18 20:53 |

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| S301 | 1 | ("20010001877") and (transaction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 06:21 |
| S302 | 0 | "20030105960" and (cpmplet\$4 near3 transaction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 07:00 |
| S303 | 0 | "20030105960" and (complet\$4 near3 transaction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 07:00 |
| S304 | 1 | "20030105960" and (transaction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 07:00 |
| S305 | 0 | (confirm with pruchase) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 07:17 |
| S306 | 3959 | (confirm with purchase) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 07:17 |

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| S307 | 0 | (confirm with purchase) with (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 07:17 |
| S309 | 69 | (confirm with purchase) AND (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 07:17 |
| S310 | 21 | (confirm with purchase) SAME (threshold or (large near2 purchase)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 07:30 |
| S311 | 3959 | (confirm with purchase) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 07:32 |
| S312 | 194 | (confirm with purchase) same authentication | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 07:32 |
| S313 | 267 | (confirm\$4 with purchase) same authentication | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 07:39 |

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| S314 | 73 | S313 not S312 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 07:39 |
| S315 | 605 | (confirm\$4 with purchase) same (permission or control) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 07:44 |
| S318 | 627 | (confirm\$4 with purchase) same (permission or control) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 07:46 |
| S320 | 327 | (confirm\$4 with purchase) with (permission or control) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 07:46 |
| S321 | 129 | (confirm\$4 with purchase) with (permission or control) and transaction | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 07:47 |
| S322 | 228 | (complet\$4 near2 transaction) with (confirm\$4 with purchase) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 08:10 |

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| S323 | 1 | 10/070221 and ((service near device) or (communication near device)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 09:21 |
| S324 | 3524 | (approv\$3 with authentication) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 09:43 |
| S325 | 42 | (approv\$3 with authentication) with (low or high | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 09:43 |
| S326 | 58 | (approv\$3 with authentication) with (low or high or threshold) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 09:43 |
| S327 | 0 | 10/070221 and (management near2 service) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 09:51 |
| S328 | 1 | 10/070221 and (management near2 company) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 09:52 |

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| S329 | 5983 | (authentication near2 management) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 09:53 |
| S330 | 89 | (authentication near2 management) same (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 09:53 |
| S331 | 1 | ("20010001877") and (threshold) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 10:24 |
| S332 | 2 | ("20010001877") and (second near2 authentication) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 10:32 |
| S333 | 1 | "20030105960" and (transaction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 11:54 |
| S334 | 8024829 | (line bear2 credit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 12:03 |

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| S335 | 7012 | (line near2 credit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 12:03 |
| S336 | 1566 | (line near2 credit) with transaction | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 12:03 |
| S337 | 36 | (line near2 credit) with transaction with authentication | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 12:03 |
| S338 | 997 | (purchas\$4) with transaction with authentication | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 12:08 |
| S339 | 22 | (purchas\$4) with transaction with (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 12:08 |
| S340 | 10521 | (verify\$4 with transaction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 12:17 |

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| S341 | 4613 | (verify\$4 with transaction) and ("705"/.clas.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 12:17 |
| S342 | 6243 | (verif\$4 with transaction) and ("705"/.clas.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 12:17 |
| S343 | 864 | (verif\$4 with transaction) same (authentication) and ("705"/.clas.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 12:17 |
| S344 | 17 | (verif\$4 with (after near2 transaction)) same (authentication) and ("705"/.clas.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 12:18 |
| S345 | 89 | ((after near2 transaction near2 complet\$4)) same (authentication) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 12:19 |
| S346 | 26 | ((after near2 transaction near2 complet\$4)) with (authentication) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/19 12:20 |

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| S350 | 0 | "676809".pn. and (transaction or exceed\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/19 12:39 |
| S351 | 2 | "5806045".pn. and (transaction or exceed\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/19 12:39 |
| S352 | 758 | 705/75.ccls. and (transaction or exceed\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/19 12:44 |
| S353 | 1 | 705/75.ccls. and ((transaction or exceed\$4) same authentication) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/19 12:44 |
| S354 | 482 | 705/75.ccls. and ((transaction or exceed\$4) same verification) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/19 12:45 |
| S355 | 242 | 705/75.ccls. and (transaction or exceed\$4) and shop\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/19 12:47 |

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| S356 | 54 | 705/75.ccls. and (transaction or exceed\$4) and (shop\$5 near2 online) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/19 12:47 |
| S357 | 0 | 705/75.ccls. and (transaction with (exceed\$4 near2 limit)) and (shop\$5 near2 online) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/19 12:54 |
| S360 | 1124 | transaction with (exceed\$4 near2 limit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/19 12:55 |
| S361 | 43 | transaction with (exceed\$4 near2 limit) same (authentication) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/19 12:55 |
| S362 | 1 | (10/070221) and (user near3 authenticat\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/19 13:37 |
| S363 | 162 | (transaction with exceed near limit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/19 16:21 |

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| S364 | 84 | (transaction with exceed near limit) and "705"/.clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/19 16:21 |
| S365 | 5424 | (transaction SAME authentication) and "705"/.clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/19 16:33 |
| S366 | 217 | (transaction SAME (authentication near2 level)) and "705"/.clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/19 16:33 |
| S367 | 24 | (complet\$4 with transaction SAME (authentication near2 level)) and "705"/.clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/19 16:40 |
| S368 | 224 | (complet\$4 with transaction with (transacton or product or price) with (above or high\$4 or exceed \$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/19 16:42 |
| S371 | 5 | "10070221" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/20 07:26 |

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| S372 | 1 | "10/070221" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/20 07:26 |
| S373 | 84 | ((transaction with exceed near limit) and "705"/.clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/20 09:00 |
| S374 | 14 | ((transaction or price) with purchase with exceed near limit) and "705"/.clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/20 09:07 |
| S375 | 824 | ((transaction or price) with purchase with exceed \$4) and "705"/.clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/20 09:32 |
| S376 | 0 | ((((transaction or price) with purchase with exceed \$4) SAME (authentication near2 level))and "705"/.clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/20 09:34 |
| S377 | 1 | ((((transaction or price) with purchase with exceed \$4) AND (authentication near2 level))and "705"/.clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/20 09:34 |

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| S378 | 73 | ((transaction or price) with exceed\$4) AND (authentication near2 level))and "705"/.clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/20 09:35 |
| S379 | 2 | "5914472".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/20 11:25 |
| S380 | 2 | "5914472".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/20 11:27 |
| S381 | 97 | (authentication near2 management) same (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/17 15:19 |
| S382 | 589 | (price or transaction) same (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/17 15:22 |
| S386 | 18852 | (713/155 OR 713/161 OR 713/168-170 OR 726/6 OR 726/17-21 OR 380/229 OR 380/232 or 705/50,64,75,14.23,14.5,14.34,39).ccls. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/17 15:28 |

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| S387 | 162 | S382 and S386 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/17 15:34 |
| S388 | 160 | S382 and S386 and (transaction or on\$1line) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/17 15:34 |
| S389 | 215 | (price or threshold or pre\$1determin\$3) with (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/17 16:02 |
| S390 | 35 | (price or threshold or pre\$1determin\$3) with (authentication near2 level) and S386 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/17 16:02 |
| S391 | 215 | (price or threshold or pre\$1determin\$3) with (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/17 16:10 |
| S394 | 62 | (price or threshold or pre\$1determin\$3) same (authentication near2 level) same (table or list) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/17 16:12 |

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| S395 | 394 | (price or threshold or pre\$1determin\$3 or money or dollar) same (authentication near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/17 16:19 |
| S397 | 51 | (price or threshold or pre\$1determin\$3 or money or dollar) same (authentication near2 level) and (plurality near3 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/17 16:21 |
| S398 | 80 | (price or threshold or pre\$1determin\$3 or money or dollar) same (authentication near2 level) same (service or past or history) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/17 16:29 |
| S400 | 69 | (price or threshold or pre\$1determin\$3 or money or dollar) same (authentication near2 level) and S386 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/04/17 16:41 |
| S401 | 407 | (authentication near2 level) with (threshold or predetermin\$3 or value) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 14:55 |
| S402 | 109 | (proper or correct) with (authentication near2 level) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 14:56 |

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| S403 | 27 | S401 and S402 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 14:56 |
| S404 | 15 | (proper or correct) with (authentication near2 level) Same condition | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 15:01 |
| S405 | 149 | plurality with (authentication near2 level) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 15:25 |
| S406 | 87 | plurality with (authentication near2 level) and (threshold or min or max) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 15:26 |
| S407 | 11 | plurality with (authentication near2 level) SAME (threshold or min or max) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 15:26 |
| S409 | 1406 | (authentication near2 level) SAME (price or value or numeric or number or determinin\$3) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 15:27 |
| S410 | 251 | (authentication near2 level) SAME (price or value or numeric or number or determinin\$3) same (transaction or product) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 15:28 |

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| S411 | 214 | S409 and (threshold or amount or price).clm. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 15:28 |
| S412 | 436 | (price) with (greater or less) with threshold | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 16:52 |
| S413 | 2 | (price) with (greater or less) with threshold same authentication | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 16:52 |
| S414 | 14 | (price or cost or transaction) with (greater or less) with threshold same authentication | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 17:14 |
| S415 | 77865 | (price or cost or transaction or product) SAME (above or greater or less or below or equal) with (threshold or predetermin\$3) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 17:17 |
| S416 | 1079 | (price or cost or transaction or product) SAME (above or greater or less or below or equal) with (threshold or predetermin\$3) same (verif\$5 or authenticat\$4) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 17:17 |
| S417 | 725 | (price or cost or transaction or product) SAME (above or greater or less or below or equal) with (threshold or predetermin\$3) same (verif\$5 or authenticat\$4) and (amount or threshold or predetermin\$3).clm. | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 17:18 |

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| S418 | 553 | (price or cost or transaction or product) SAME (above or greater or less or below or equal) with (threshold or predetermin\$3) same (verif\$5 or authenticat\$4) and (amount or threshold or predetermin\$3).clm. and (transaction or prduct or service) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 17:19 |
| S419 | 194 | (price or cost or transaction or product) SAME (above or greater or less or below or equal) with (threshold or predetermin\$3) same (verif\$5 or authenticat\$4) and (amount or threshold or predetermin\$3).clm. and (transaction or prduct or service) and fraud | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 17:19 |
| S420 | 4 | 08/976280 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 17:24 |
| S421 | 526 | (price or cost or transaction or product) SAME (above or greater or less or below or equal) with (threshold or predetermin\$3) same (verif\$5 or authenticat\$4) and (amount or threshold or predetermin\$3).clm. and (transaction or prduct or service) and (first or second with threshold) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 19:07 |
| S422 | 346 | (price or cost or transaction or product) SAME (above or greater or less or below or equal) with (threshold or predetermin\$3) same (verif\$5 or authenticat\$4) and (amount or threshold or predetermin\$3).clm. and (transaction or prduct or service) SAME (first or second with threshold) | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 19:08 |
| S423 | 11 | 09/665919 | US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB | OR | ON | 2011/04/20 19:09 |

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| S424 | 49560 | (first near3 threshold) same (second near2 threshold) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 06:23 |
| S428 | 949 | (first near3 threshold) same (second near2 threshold) same (authentication or verification or verif\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 06:28 |
| S429 | 661 | (first near3 threshold) same (second near2 threshold) same (authentication or verification or verif\$4) and (transaction or money or product or amount) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 06:29 |
| S430 | 70 | (first near3 threshold) same (second near2 threshold) same (authentication or verification or verif\$4) same (transaction or money or product or amount) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 06:29 |
| S431 | 70 | (first near3 threshold) same (second near2 threshold) same (authentication or verification or verif\$4) same (transaction or money or product or amount or price) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 06:44 |
| S432 | 661 | (first near3 threshold) same (second near2 threshold) same (authentication or verification or verif\$4) and (transaction or money or product or amount or price) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 06:45 |

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| S434 | 1261 | (first near3 threshold) same (second near2 threshold) same (authentication or verification or verif\$4 or compar\$3) SAME (transaction or money or product or amount or price) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 06:45 |
| S436 | 73 | S434 and (confirmation or fraud) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 06:47 |
| S437 | 0 | (granuality of authentication level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 07:29 |
| S438 | 19 | (filter with authentication level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 07:29 |
| S439 | 0 | (authentication level) with plularity near2 threshold | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 07:30 |
| S440 | 13 | (authentication level) with threshold | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 07:30 |

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| S441 | 2 | "6,516,056".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 09:13 |
| S442 | 2 | "5,357,564".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 09:14 |
| S444 | 95 | (multiple near3 risk near4 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 12:46 |
| S445 | 25 | (multiple near3 risk near4 level) same (amount or threshold or value or pre\$1determin\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 12:46 |
| S446 | 893 | ((multiple or plurality) near3 risk) same (amount or threshold or value or pre\$1determin\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 12:49 |
| S447 | 8 | ((multiple or plurality) near3 risk) same (amount or threshold or value or pre\$1determin\$3) same (authentication or verif\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 12:49 |

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| S448 | 16 | ((multiple or plurality) near3 risk) same (authentication or amount or threshold or value or pre\$1determin\$3) same (authentication or verif\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 12:51 |
| S449 | 901 | ((multiple or plurality) near3 risk) same (authentication or amount or threshold or value or pre\$1determin\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 12:51 |
| S451 | 6 | ((multiple or plurality) near3 risk) same (authentication or amount or threshold or value or pre\$1determin\$3) and (authentication near3 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 12:51 |
| S452 | 1 | ((multiple or plurality) near3 risk) same (authentication near3 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 12:52 |
| S453 | 38 | ((multiple or plurality) near3 risk) same (authentication near3 level or fraud) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 12:53 |
| S454 | 0 | ((multiple or plurality) near3 risk near2 level) same (authentication near3 level or fraud) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:08 |

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| S455 | 55 | ((multiple or plularity) near3 risk near2 level) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:08 |
| S456 | 0 | ((multiple or plularity) near3 risk near2 level same fraud) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:12 |
| S457 | 262 | (risk near2 level same fraud) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:12 |
| S458 | 151 | (risk near2 level with fraud) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:12 |
| S459 | 133 | (risk near2 level with fraud) and (value or threshold) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:12 |
| S460 | 44 | (risk near2 level with fraud) SAME (value or threshold) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:12 |

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| S461 | 70545 | (risk) SAME (value or threshold) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:20 |
| S463 | 7980 | (risk) SAME (value or threshold) same (multiple or plurality) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:20 |
| S465 | 292 | (risk) SAME (value or threshold) same (multiple or plurality) same (authentication or confirm\$6) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:21 |
| S466 | 265403 | (price or number or risk) SAME (value or threshold) same (multiple or plurality) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:29 |
| S467 | 411 | (price or number or risk) SAME (value or threshold) same (multiple or plurality) same fraud | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:29 |
| S468 | 208 | (price or number or risk) SAME (value or threshold) same (multiple or plurality) same fraud and "705"/.clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:29 |

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| S469 | 4974 | (credit with fraud) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:46 |
| S471 | 344 | (credit with fraud) same (threshold or price) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:47 |
| S472 | 183 | (credit with fraud) same (threshold or price) and (authentication) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:47 |
| S473 | 115 | (credit with fraud) same (threshold or price) and (authentication) and "705"/.clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:47 |
| S474 | 7 | 09/644139 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:54 |
| S475 | 16364 | (threshold or price or product or number or value) with (risk or authentication) and "705"/.clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:59 |

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| S476 | 174 | (threshold or price or product or number or value) with (risk or authentication) and "705"/.clas. and (threshold same transaction).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 13:59 |
| S477 | 4988 | (authentication or authoriz\$4) near3 (threshold or value or price or product or cost) SAME (risk or level or mutple or least or more) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 15:09 |
| S478 | 4362 | S477 and (access or fraud or credit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 15:09 |
| S479 | 1458 | S477 SAME (access or fraud or credit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 15:09 |
| S480 | 708 | S477 SAME (access or fraud or credit) and (threshold or amount or product or price or transaction).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 15:10 |
| S481 | 413 | S477 SAME (access or fraud or credit) and (threshold or amount or product or price or transaction).clm. and (credit or purchase or serice or financial).bsum. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 15:12 |

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| S482 | 276 | S477 SAME (access or fraud or credit) and (threshold or amount or product or price or transaction).dlm. and (credit or purchase or serice or financial).bsum. and "705"/.clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 15:12 |
| S483 | 15 | S477 SAME (access or fraud or credit) and (threshold or amount or product or price or transaction).dlm. and (credit or purchase or serice or financial).bsum. and "705"/.clas. and (correct or proper) near2 authentication | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 15:13 |
| S484 | 7 | "5988497" and (at near2 least) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 15:17 |
| S485 | 0 | "5988497".pn. and (at near2 least) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 15:17 |
| S486 | 2 | "5988497".pn. and (least) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 15:17 |
| S487 | 89 | ("4720860" "4812628" "5109408" "5130519" "5168520" "5177342" "5239583" "5251259" "5311594" "5317636" "5345380" "5513250" "5530235" "5583864" "5615408" "5617470" "5627355").PN. OR ("5988497").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 15:20 |

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| S488 | 89 | S487 and (criteria or threshold or least or more or risk or plurality) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 15:21 |
| S489 | 120 | (fraud with prevention).ti. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 15:23 |
| S490 | 111 | (fraud with prevention).ti. and (threshold or risk or least or more) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 15:23 |
| S491 | 75 | (fraud with prevention).ti. and (threshold or risk or least or more) same (transaction or amount or pre \$1determin\$3) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 15:24 |
| S496 | 802 | (threshold or amount or set or least or more or multiple or plurality) near4 (authentication near2 level) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 15:34 |
| S497 | 122 | (threshold or amount or set or least or more or multiple or plurality) near4 (authentication near2 level) same (transaction or price or cost or product) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 15:34 |
| S498 | 24 | (threshold or amount or set or least or more or multiple or plurality) near4 (authentication near2 level) same (transaction or price or cost or product) and (fraud same prevent\$3) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 15:35 |
| S499 | 146 | ("4661658" "5214702" "5235165" "5311594" "5327497" "5420926" "5436972" "5442342" "5533123" "5577120" "5638446" "5655077" "5659616" "5668876" "5677955" "5684950" "5684951" "5689638" "5706427" "5712914" "5748738" "5771291" "5818936" "5841970" "5845070" "5850442" "5864665" "5872917" "5875296" "5893098" "5978918" "5987134" "5987232" "6006333" "6026491").PN. OR ("6263447").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 15:42 |
| S500 | 1984 | (threshold or amount or set or least or more or multiple or plurality) with (authentication near2 level or level or risk) same (transaction or price or cost or product) and (fraud same prevent\$3) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 16:19 |

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| S501 | 1129 | (threshold or amount or set or least or more or multiple or plurality) with (authentication near2 level or level or risk) same (transaction or price or cost or product) and (fraud same prevent\$3) and (transaction or threshold or level).clm. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 16:19 |
| S502 | 17 | (threshold or amount or set or least or more or multiple or plurality) with (authentication near2 level or level or risk) same (transaction or price or cost or product) and (fraud same prevent\$3) and (transaction or threshold or level).clm. and (fraud same prevention).ti. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:11 |
| S503 | 153 | (threshold or amount or set or least or more or multiple or plurality) with (authentication near2 level or level or risk) same (transaction or price or cost or product) and (fraud same prevent\$3) and (transaction or threshold or level).clm. and (fraud same prevention).bsum. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:13 |
| S505 | 49 | (threshold or amount or set or least or more or multiple or plurality) with (authentication near2 level or level or risk) same (transaction or price or cost or product) and (fraud same prevent\$3) and (transaction or threshold or level).clm. and (fraud same prevention).bsum. and (confirmation) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:14 |
| S506 | 49 | (threshold or amount or set or least or more or multiple or plurality) with (authentication near2 level or level or risk) same (transaction or price or cost or product) and (fraud same prevent\$3) and (transaction or threshold or level).clm. and (fraud same prevention).bsum. and (confirmation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/04/21 17:14 |
| S507 | 1129 | S501 and (credit or fraud) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:22 |
| S508 | 526 | S501 and (credit same fraud) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:22 |
| S509 | 372 | S501 and (credit same fraud) and "705"/.clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:23 |

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| S511 | 5 | S501 and (credit same fraud) and "705"/.clas. and (plurality near2 level) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:24 |
| S512 | 7104 | (threshold or amount or set or least or more or multiple or plularity) SAME (price or cost or risk or level) AND (fraud same prevent\$3) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:32 |
| S513 | 6722 | S512 and (access or authentication or authoriz\$5) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:34 |
| S514 | 6720 | S512 and (access or authentication or authoriz\$5) and (transaction or less or more or greater or equal) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:35 |
| S515 | 4107 | S512 and (access or authentication or authoriz\$5) and (transaction or less or more or greater or equal).clm. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:35 |
| S516 | 1371 | S512 and (access or authentication or authoriz\$5) and (transaction or less or more or greater or equal).clm. and (fraud same prevention) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:35 |
| S517 | 1317 | S512 and (access or authentication or authoriz\$5) and (transaction or less or more or greater or equal).clm. and (fraud with prevention) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:35 |
| S518 | 91 | S512 and (access or authentication or authoriz\$5) and (transaction or less or more or greater or equal).clm. and (fraud with prevention) and "713"/.clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:35 |
| S519 | 618 | S512 and (access or authentication or authoriz\$5) and (transaction or less or more or greater or equal).clm. and (fraud with prevention) and "705"/.clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:39 |
| S520 | 196 | S512 and (access or authentication or authoriz\$5) and (transaction or less or more or greater or equal).clm. and (fraud with prevention).bsum. and "705"/.clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:40 |
| S521 | 951 | (threshold or amount or set or least or more or multiple or plularity) SAME (price or cost or risk or level) SAME (fraud same prevent\$3) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:49 |

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| S522 | 678 | (threshold or amount or set or least or more or multiple or plurality) SAME (price or cost or risk or level) SAME (fraud with prevent\$3) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:49 |
| S523 | 298 | (threshold or amount or set or least or more or multiple or plurality) with (price or cost or risk or level) SAME (fraud with prevent\$3) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/04/21 17:49 |
| S525 | 955 | (threshold or amount or set or least or more or multiple or plurality) SAME (price or cost or risk or level) SAME (fraud same prevent\$3) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/04 10:12 |
| S527 | 22 | (multiple near risk) with (price or transaction) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/04 10:13 |
| S528 | 235843 | (risk or level) with (price or threshold) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/04 10:14 |
| S529 | 153 | authentication near4 (risk or level) with (price or threshold) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/04 10:14 |
| S531 | 1259 | (risk or level) with (price or threshold or predetermin\$3) and (authentication near3 level) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/04 10:24 |
| S532 | 117 | (risk or level) with (price or threshold or predetermin\$3) and (authentication near3 level) and (@ad < "20000628" or @prad < "20000628" ro @rlad < "20000628") | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/04 10:25 |
| S533 | 7 | (risk or level) with (price or threshold or predetermin\$3) and (authentication near3 level) and (@ad < "20000628" or @prad < "20000628" ro @rlad < "20000628") and (authentication near4 level).ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/04 10:27 |
| S534 | 18 | (multiple or plurality) near4 (authentication near3 level) same (price or purchase or transaction) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/04 10:53 |
| S535 | 743 | (authentication near3 level or risk) same (price or purchase or transaction) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/04 10:57 |
| S538 | 99 | (authentication near3 level or risk) same (price or purchase or transaction) and (plurality near3 level same (history or service)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/04 10:59 |

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| S539 | 99 | (authentication near3 level or risk) same (price or purchase or transaction) and (plurality near3 level same (history or service)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/05/04 10:59 |
| S542 | 138 | (authentication near3 level or risk) with (price or purchase or transaction or threshold or predetermin \$3) and (authentication near4 table) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2011/05/04 11:09 |

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